

Department of Energy

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05 APR 2002

Mr. James A. Saric, Remedial Project Manager
United States Environmental Protection Agency
Region V, SRF-5J
77 West Jackson Boulevard
Chicago, IL 64604-3590

DOE-0375-02

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, OH 45405-2911

Dear Mr. Saric and Mr. Schneider:

DIRECT HAUL OF BULK WASTE MATERIALS TO THE WASTE PITS REMEDIAL ACTION PROJECT

- References:
1. Letter, DOE-0092-02, J. Reising to J. Saric and T. Schneider, "Direct Haul of Bulk Waste Materials to the Waste Pits Remedial Action Project," dated November 2, 2001
 2. Letter, T. Schneider to J. Reising, "Approval – Direct Haul of Bulk Waste to WPRAP," dated November 15, 2001

This letter provides written notification of additional wastes that Fluor Fernald, Inc. plans to de-containerize and direct haul to the Waste Pits Remedial Action Project for bulk disposition to Envirocare via unit train. The approach and methods used to manage these wastes will conform to the conditions set forth in the Department of Energy's initial transmittal to the United States Environmental Protection Agency and Ohio Environmental Protection Agency regarding utilizing a direct haul approach (DOE-0092-02). Attachment A provides information regarding the additional waste population of approximately 3,050 drums.

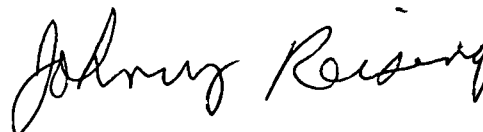
Mr. James A. Saric
Mr. Tom Schneider

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05 APR 2002
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If you have any questions or comments, please contact John Sattler at (513) 648-3145.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP: Sattler

Enclosure: As Stated

cc w/enclosure:

R. Greenberg, EM-31/CLOV
N. Hallein, EM-31/CLOV
T. Schneider, OEPA-Dayton (three copies of enclosure)
G. Jablonowski, USEPA-V, SRF-5J
F. Bell, ATSDR
F. Hodge, Tetra Tech, Inc.
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

J. Kappa, OH/FEMP
D. Lojek, OH/FEMP
J. Sattler, OH/FEMP
E. Skintik, OH/FEMP
J. Buckley, Fluor Fernald, Inc./MS52-3
D. Carr, Fluor Fernald, Inc./MS2
J. D. Chiou, Fluor Fernald, Inc./MS64
T. Hagen, Fluor Fernald, Inc./MS65-2
F. Johnston, Fluor Fernald, Inc./MS52-5
S. Lorenz, Fluor Fernald, Inc./MS52-5
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./MS52-7

ATTACHMENT A
ADDITIONAL WASTES FOR DIRECT HAUL

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The containerized materials identified below are not classified as RCRA hazardous or regulated by TSCA. In general, they contain significantly less than 1% Uranium, with a minor volume approaching 1 or 2%. The Waste Acceptance Organization (WAO), Environmental Compliance (EC) and WPRAP Operations have reviewed the inventory for potential impacts on WAC compliance, runoff/runoff and material processing. Their approvals, as documented on a site form called a Request for Disposal (RFD), indicate that the material is appropriate for managing bulk through WPRAP for disposition to the Envirocare of Utah disposal facility. Each of the RFD packages includes a data summary for chemical and radiological constituents of concern (COCs), that support the waste stream determinations. During field implementation of bulking activities, WAO will be present to: verify that the correct containers are bulked, visually inspect the material for prohibited items and size requirements, and document compliance with WAC requirements using a Field Tracking Log (FTL).

RFD #1108 – 375 Drums

Plants 1, 2 & 8; Lab; Waste Management; Maintenance: Floor sweepings/debris
Plant 5: Floor sweepings, magnesium fluoride
Silo 1: Samples (excluding Silos contents)
Alaron Corporation: Dust collector residues
Hanford: Wet sump/filter cake
Paducah: Lime
Oak Ridge: Samples

RFD #1109 – 194 Drums

Plibrico Incinerator: Incinerator cinders, soil
Plant 6: Furnace salts
Site Well installations & Oak Ridge: Soil
Alaron Corporation: Grit blast residue

RFD #1114 – 6 Drums

Denitration system & Waste Management: Crushed drums/steel

RFD #1116 – 7 Drums

K-65: Soil

RFD #1118 – 3 Drums

Lab: Concrete/soil

RFD #1119 – 4 Drums

Plant 2: Soda ash

RFD #1120 – 18 Drums

Lab: Grit blast residue
Plant 7, Waste Management & Oak Ridge: Soil
Buildings 69 & 78: Soil/rubble
General sump: sump/filter cake

Plant 1: Grit blast residue, graphite
Plant 2: Magnesium fluoride
Plant 8: Floor sweepings
Garage: Absorbents
Boiler Plant: Silica gel
K65: Soil
Lab: Soil, graphite
Waste Management: Miscellaneous scrap/material

RFD #1123 – 705 Drums

Tank farm: Discard process residues
Plant 8: Sump/filter cake

RFD #1124 – 550 Drums

Plants 1 & 5: Magnesium fluoride
Plant 8: Sump/filter cake
MAWs: Soil
Sewage Treatment: Soil/rocks

RFD #1126 – 246 Drums

Plant 8: Sump cake, discard process residues

RFD #1127 – 119 Drums

Plants 5, 8 & 9: Sump/filter cake

RFD #1128 – 142 Drums

Plants 1, 2/3, 5, 6 & 9; Waste Management; Maintenance; General Sump & Boiler
Plant: Disinfected bird carcasses/droppings
Pilot Plant: Discard process residues
Plant 8: Disinfected bird carcasses/droppings, sump/filter cake

RFD #1129 – 127 Drums

Plant 1, Water Treatment Plant: Discard process residues
General sump, O/E Services: Sump cake, discard process residues
Plant 8, Administration Building, Maintenance: Sludges

Plant 1: Sludges
Plant 2/3: Discard process residues, lime
Plant 9: Metallic filter elements, discard process residues, sump/filter cake, sludges
Pilot Plant: Sludges, slurries
Waste Management, Ashtabula: Discard process residues

RFD #1131 – 69 Drums

Plant 1: Soil/rocks
Plant 2/3: Soda ash, lime
Plant 6: Graphite
Plant 8: Lime
Waste Management: Trash/debris
Stores/Receiving: Activated charcoal
Boiler Plant: Calcium hydroxide, incinerator cinders
Buildings 69 & 78: Grit blast residue
Water Treatment Plant: Soil

RFD #1132 – 98 Drums

Plant 1: Rusty scale
Plant 8: Magnesium oxide & Zirconate
Pilot Plant: Molecular sieve, grit blast residue
Biodenitrification facility: Media coal
Lab: Magnesium oxide, soil

RFD #1133 – 64 Drums

Plant 4, Waste Management: Soil/rocks
Plant 5, Plant 9, Garage, Waste Management: Floor sweepings
Pilot Plant: Activated carbon, Zirconium
Buildings 69 & 78: Grit blast residue

RFD #1134 – 46 Drums

Plant 1, Maws, Las Vegas: Soil
Plant 2/3: Scrap salts, dust collector residues
Plant 8: Sump/filter cake
Boiler Plant: Oil dry
Stores/Receiving: Sil-Flo filter aid

RFD #1135 – 76 Drums

Plants 1, 2/3: Magnesium fluoride
Plant 5: Grit blast residue, soil/concrete, magnesium oxide, Zirconate, sludges, scrap salts, sump/filter cake
Plant 6: Dust collector residues
Plant 8: Lime
Pilot Plant, Tank Farm: Lime
Ashtabula: Sump/filter cake
Stores/Receiving: Zirconium oxide

RFD #1136 – 91 Drums

Plant 1: Sump/filter cake, dust collector residues, magnesium fluoride
Plant 2/3: Soil/rock, incinerator cinders, sludges
Plant 4: Soil/concrete

Plant 8: Magnesium fluoride, dust collector residues
Plant 9: Soil/rocks/rubble
Pilot Plant: Sump/filter cake
Building 69 & 78: Sludges, soil/rocks/rubble
Lab: Graphite

RFD #1137 - 57 Drums

Plant 1: Magnesium fluoride, grit blast residue
Plants 2/3: Soil
Plants 4, Pilot Plant: graphite
Plant 5: Dust collector residues, magnesium fluoride, soil/rubble
Plant 6: Magnesium fluoride, soil/concrete
Plant 8: Magnesium fluoride, graphite, discard process residues, sludge
K-65: Discard process residues
Plant 9: Sludge
Lab: Magnesium oxide, Zirconate